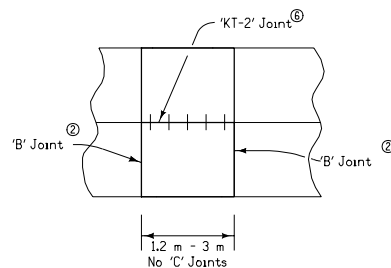
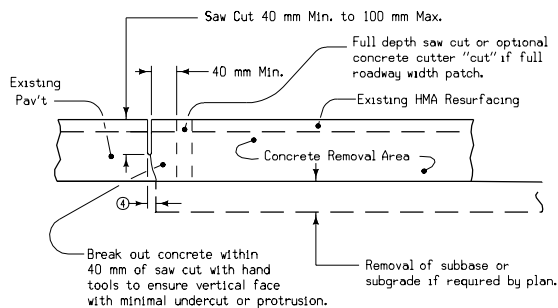


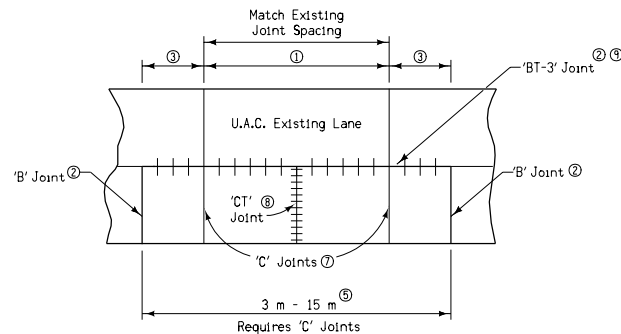
ONE LANE WIDTH PATCH



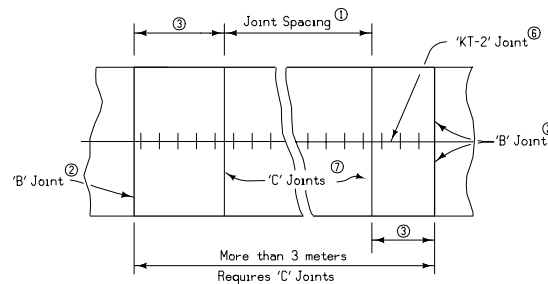
FULL ROADWAY WIDTH PATCH



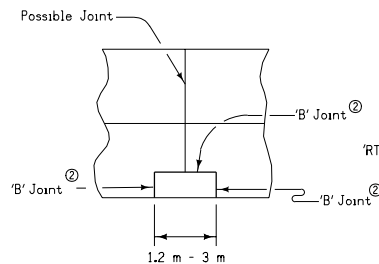
PAVEMENT REMOVAL DETAILS
(LONGITUDINAL SECTION)



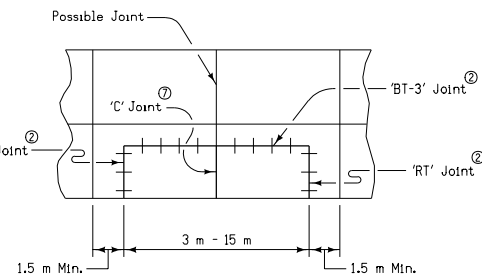
ONE LANE WIDTH PATCH



FULL ROADWAY WIDTH PATCH



PARTIAL ROADWAY WIDTH PATCH



PARTIAL ROADWAY WIDTH PATCH

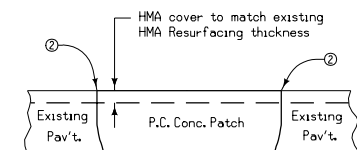
GENERAL NOTES:

If damage occurs outside of patch location due to removal operations, the contractor shall be responsible for the cost of the repairs.

Refer to Standard Road Plans RH-50 and RH-51 for details of joint construction.

All patches shall be rectangular even when existing pavement joints are skewed.

- ① Joint spacing 3 meters minimum, 6 meters maximum, 4.5 meters optimum.
- ② The joint shall not be sawed or sealed.
- ③ New 'C' Joint must be a minimum 1.5 meters from the patch.
- ④ The face of the patch should be near vertical. Protrusions less than 50 millimeters need not be removed if uniformly tapered from bottom of saw cut to bottom of patch. A step or ledge on this face is not allowed.
- ⑤ If one lane patch exceed 15 meters, both lanes should be considered for patching.
- ⑥ The joint is to be sawed but not sealed.
- ⑦ The joint is to be sawed and sealed.
- ⑧ Full Panel patches shall have a new joint established at approximate mid panel. This joint does not need to align with any existing joint or crack in adjacent pavement.
- ⑨ When the end of the patch does not match an existing pavement joint or crack in the adjacent lane, the longitudinal joint between the end of the patch and the next transverse joint shall be a 'B' joint.



LONGITUDINAL SECTION THRU
COMPOSITE PATCH

All dimensions given in millimeters unless noted.

M	Iowa Department of Transportation	
	Highway Division	
	STANDARD ROAD PLAN	RR-13
	REVISION: NEW; Replaces Detail Sheet 532-38	REVISION NO. NEW
	APPROVED BY <i>William J. Skan</i> DESIGN METHODS ENGINEER	REVISION DATE 04-30-02

FULL DEPTH
COMPOSITE PATCH
WITHOUT DOWELS